

## **Historic, Archive Document**

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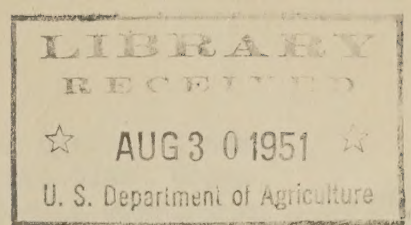




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Cager & Hurrell  
Summit, N.J.

= 1951 =

DENDROBIUMS

A large and varied genus of plants with beautiful, showy flowers of various hues and pleasing color combinations. Distributed throughout the East from Ceylon through India, Burma, Assam, Maylasia, parts of China, Japan to the Philippines and Australia.

The majority are easily grown and are free-flowering with long-lasting qualities, especially when a change of season occurs or when climatic conditions allow for temperature variations during their ripening or resting periods.

Divided in two cultural groups - the Nobile and Phalaenopsis sections.

CULTURE: Generally speaking, their requirements are periods of growth and rest. When growing, a cattleya temperature with plenty of humidity, moderate quantities of water, overhead syringing and light are required. As the new season's growths are completed, start ripening them off by cutting down on pot watering, continuing the overhead syringing until the flower buds appear, at which time increase the watering again. During this ripening period it is beneficial to move the plants cooler and lighter if possible. This ripening off or artificially changing the seasons is of prime importance for best flowering results, but should not be so severe as to shrivel the bulbs.

The Dendrobium Phalaenopsis section will do best in cattleya temperatures with the resting period shorter.

All of the Nobile section will do well hanging and this is especially true through the resting or checking periods.

PROPGATION: Dendrobiums are raised from seed and plant stock can also be increased by dividing the plants at the rhizomes. They sometimes have a tendency to grow offshoots from the pseudo bulbs which, when rooted, may be cut off and potted. Old pseudo bulbs can sometimes be cut into sections between the nodes, leaving two nodes to each section, and laid horizontally on sphagnum moss or Vermiculite, covered over, placed in a warm, moist atmosphere and little plantlets will start at the nodes.

POTTING: Pot in a good, medium grade of Osmunda fibre as small as possible, allowing for a two year growth period. For best results repot the Nobile section soon after flowering. The Phalaenopsis section should be repotted when the new growth reaches a height of 2-3 inches.

FEEDING: Dendrobiums respond beautifully to feeding and we recommend Wilson's Orchid Fertilizer, a 10-10-10 developed by Dr. O. W. Davidson, Floriculture Department, New Jersey Experiment Station at Rutgers University.

GRAVEL CULTURE: All of the Dendrobiums do very well potted in gravel and again we recommend the above Orchid Fertilizer used as directed for gravel culture. In gravel potting, use larger sizes of pots and a one-quarter inch granite gravel.

We have had an interesting experience in growing Dendrobiums over a 12 month period in a Cymbidium house with a high light intensity of about 75% total light. We used a light weave green 18 x 14 Lumite Horticultural Shade Cloth of a .015 mil. filament with a light transmission factor of close to 75% on the outside of the clear glass, with no other shading from March through October. This, together with a feeding program, as well as under the bench humidity system of our special H-261 nozzle tips, plus adequate top and bottom ventilation, resulted in exceptionally fine growth and flowering, with some large plants producing over 100 flowers measuring up to 4 inches across. At the show of buds we moved some into a warmer house and flowered them for Christmas, New Years and January. The balance left in the cool house flowered in February and March. In addition to the following listing of flowering size plants, we often have smaller plants in established divisions or offshoots, a year or two from flowering, the prices and descriptions of which will be sent upon request.

Every collection should include some plants of this beautiful and showy orchid.







## DENDROBIUMS

- Acuminatum (Philippines) Spring. Rare. Sometimes called D. Lyoni. A most unusual and beautiful sight when in flower. Flowers deep coral pink, borne on arching spikes from 18" to 3'. In shape, the flowers resemble Cymbidiums somewhat, but are slightly smaller.....\$15.00
- Aggregatum Majus (India) Spring and various. Dwarf habit. Slender, drooping spikes bearing 7 to 15 beautiful yellow flowers, with orange lip. Requires a long rest.....\$10.00-\$20.00
- Albosanguineum (Moulmein) Large flowers, cream-white with crimson in lip-\$10.00
- Apollo Grandiflorum (Ainsworthi x N. Pulcherrimum) Spring. Fine, large, dark flowers.....\$10.00
- Ashworthi (New Guinea) Winter. Bulbs 12" to 24", flowers cream-white with purple in lip.....\$7.50 - \$15.00
- Austinii (Ainsworthi x Cybele) (Nobilis) A very fine, dark Dendrobium of the Nobile section.....\$10.00 - \$20.00
- Austinii var. Superbum - Fine name variety.....\$15.00-\$35.00
- Bigibbum (North Australia) Autumn and winter. Resembling D. Phalaenopsis with many flower spikes. Magenta purple, white crest.....\$7.50-\$15.00
- Brunette (Chessingtonense x N. Nobilis) Spring - very fine.....\$15.00-\$20.00
- Butterfly (Ainsworthi x Chessingtonense) Fine rich colorings.....\$15.00
- Calceolus (India) Synonymous with Moschatum. Summer and Fall. Long stem-like erect bulbs, 4' to 6' high. Pendent racemes from near the top of the stems; large, yellow suffused with rose, purple in lip. Not a good keeper..\$7.50-\$10.00
- Cassiope (Moniliforme x N. Albiflora) Spring.....\$5.00-\$10.00
- Chessingtonense (Aurium x Wiganæ) Of the Nobile section.....\$5.00
- Chrysodiscus (Ainsworthi x Findleyanum) Spring.....\$7.50-\$10.00
- Chrysotoxum (Moulmein) Spring. Heavy 6" to 12" pseudobulbs, flowering from the top. Flowers in a cluster, deep golden yellow with deeper orange in the lip.....\$10.00-\$20.00
- Constance Wrigley (Lady Coleman x Plumptonense) Very fine, large, dark with deeper markings on tips of sepals and petals, and very dark lip with golden eyes. Broad sepals and petals, flowers measuring good 4" across.....\$15.00-\$25.00
- Constance Wrigley var. Summit. - Broad sepals and petals, extra fine variety, coloring same as above.....\$35.00
- Constance Wrigley x Ronæle - Pseudobulbs 18" to 3' in height, large flowers, very strong grower.....\$15.00-\$25.00
- Curtisii (Aureum x Cassiope) Spring flowering, light shades of the Nobile type.....\$7.50-\$10.00
- Cybele (Findleyanum x Nobile) Spring flowering, good contrasting colors-\$10.00
- Cybele var. Alten House - a fine type of the above.....\$20.00
- Euryades var. Rubens - a very fine, deep spring flowering hybrid.....\$15.00
- Fimbriatum (Burma) Spring and various. Stems 2' to 4' high, arching racemes from top part, 3 to 12 flowers, 2" to 3" across, with a good, rich orange-yellow color.....\$10.00-20.00
- Gaton Monarch (Lady Coleman x Nobile var. Harefield Hall) Spring. A very fine, large, dark Dendrobium of the Nobile section.....\$10.00-20.00
- Lyoni (See Acuminatum)
- Louis Bleriot (Phalaenopsis Schroederiana x Superbiens) The finest of the spray types, flowers resembling Phalaenopsis Schroederiana in shape but with better solid colorings and very long-lasting qualities.....\$15.00-35.00
- Melanodiscus (Ainsworthi x Findleyanum) Spring. Very fine, large, dark flowers.....\$15.00



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DENDROBIUMS (continued)

- Merlin (Nobile x Queen of Gaton) Spring. Fine large, dark flowers, yellow eyes and lip.....\$10.00-25.00
- Moschatum (Burma, India, etc.) Summer and Spring. Erect stems, 4' to 6' high, with flower racemes from near the tips, from five to fifteen large, 4" to 5" flowers, yellow tinged with rose, lip yellow with two black-purple blotches. Not a good keeper.....\$7.50-10.00
- Moschatum var. Cupreum (India) Rare. Summer flowering, flowers apricot yellow, not a good keeper.....\$25.00
- Nobile (India and China) Winter and Spring. Nobiles and its hybrids are the most popular and useful of all Dendrobiums. Flowers in twos and threes from the nodes along the bulbs, very variable and showy, ranging in pure whites through deep rose-purples, the type usually rose-purple on white background. Lip deeper with a very dark crimson blotch in the throat.....\$5.00-10.00
- Nobile - Several fine selected types.....\$10.00-15.00
- Nobile var. album - White sepals and petals, lip with purple disk.....\$10.00-15.00
- Nobile var. Amesiae - Large flowers, white with maroon disk in lip.....\$10.00-15.00
- Nobile var. Ashburtonii - Flowers nearly white, tinged at the tips of the sepals and petals, with some color in the lip.....\$10.00-\$15.00
- Nobile var. Ashworthi - Rare. Pure White.....\$15.00-20.00
- Nobile var. Berkley - A very distinct type.....\$10.00-15.00
- Nobile var. Ballianum - Glistening white with faint blush pink and rose; pink on the disk of the lip.....\$10.00-20.00
- Nobile var. Cooksoni - A very attractive and distinct type with a white background, slightly flushed with rose and heavy deep purple blotches at the base of the petals, with the throat of the lip colored the same.....\$10.00-20.00
- Nobile var. Nobilius - A fine type with very rich colorings.....\$10.00-15.00
- Nobile var. Rajah - One of the finest of the Nobiles in coloring and size.....\$10.00-15.00
- Nobile var. Ronaele - A very distinct, fine form with large, spreading, highly-colored lip.....\$15.00-25.00
- Nobile var. Sir Frederick Moore - Another fine name type.....\$25.00
- Phalaenopsis Schroederiana (New Guinea) Autumn through Spring. Habit and flowers larger than in the type. Very variable, ranging from pure white through deep purples. Erect stems, 18" to 36" high. Terminal spikes 12" to 24" long with up to 20 flowers on a spike, each about 3" across.....\$5.00-15.00
- Phalaenopsis var. Hololuca - Rare. A pure white form of above.....\$25.00-35.00
- Pierardi (India) Spring. Pendent stems, 18" to 36" long, flowers about 2" across, flowering from the nodes. Very delicately colored, white suffused with rose, lip yellowish veined with rose-purple.....\$10.00-20.00
- Primulinum (Burma) Winter and Spring - Pendulous stems to 20" long, with short-stemmed flowers, usually in pairs, from the depressions on the stem nodes. Flowers 2" to 3", pale rose suffused with light purple with an open, spreading lip of primrose yellow, streaked with crimson at the base.....\$5.00
- Ronaele (Merlin x Wardianum) The finest hybrid introduction in the colored form. Usually large and strong-growing, with stems sometimes exceeding 30"; very free flowering, with flowers often up to 4" in diameter, with a very wide range of color distribution from waxy white petals tipped with shadings of purple, to intense, dark petals with usually well defined lip, with the characteristic yellow Wardianum disks and deeper basal colorings. Every collection should have some Ronaeles.....\$10.00-35.00
- Ronaele x Austinii - A dark, well-shaped hybrid with very good substance, of exhibition quality, and a plant that has good breeding possibilities.....\$15.00-35.00
- Ronaele x Constance Wrigley - For description see the reverse cross.







DENDROBIUMS (continued)

- Rubens Grandiflorum (Ainsworthi Grande x Nobile Nobilius) A fine, dark Dendrobium of the Nobile type.....\$10.00-20.00
- Secundum (Malāya) Autumn and Winter. Very unusual, flowers rose-purple, lip orange yellow, small.....\$10.00-15.00
- Superbiens (North Australia) Autumn. Resenbling D. Phalaenopsis but with more substance to the flowers. Rich crimson purple. Has very large canes with flowers slightly smaller than D. Phalaenopsis, with sepals and petals undulated..\$10.00
- Superbum (Philippines) Pendant stems, often 5' long, flowering in twos and threes from the stem nodes, with large 3" to 4" flowers of a very fragrant, lilac-purple coloring in the flowers, with the lip a deeper blood purple....\$7.50-15.00
- Superbum Dearei (Philippines) Plant description and size of flower same as in the type, with the exception that in Dearei the plant is not as heavy a grower and with the flowers a glistening pure white.....\$15.00-35.00
- Thyrsiflorum (Burma) Spring. One of the showiest of all. Flowers nearly 2" across, set closely in pendulous trusses. Sepals and petals white, sometimes pink flushed. Lip golden orange.....\$10.00-20.00
- Thwaitisiae Veitch's var. - A few larger plants of selected types - one of the most colorful of all. Sepals and petals ranging from clear yellow through orange yellow to red yellow.....\$15.00-25.00

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We also supply the following items which aid immensely in creating the most favorable conditions for plant growth. Information on any or all of these materials will be sent upon request.

\* Wilson's Orchid Fertilizer - 10-10-10 - developed by Dr. O. W. Davidson, Florticultural Department, New Jersey State Experiment Station at Rutgers University.

\* Lumite Horticultural Shade Cloths, developed as a result of research by Dr. O. W. Davidson.

\* Lumite Potting Squares for the prevention of damage done to plants by insects, slugs and snails.

\* Automatic Humidity Systems - a low pressure system for automatically controlled humidity, resulting in greater flower production and optimum plant growth.

IAGER & HURRELL

Summit, New Jersey

Established 1896



